

STORM WATER POLLUTION PREVENTION PLAN ANNUAL SITE COMPLIANCE EVALUATION

LOCATION: Possum Point Power Station

DATE OF ANNUAL EVALUATION: August 7, 2014

EVALUATION METHOD: Comprehensive SWPPP Checklist

EVALUATION TEAM: Jeff Marcell and Rick Woolard

SCOPE OF SITE COMPLIANCE EVALUATION:

SUMMARY OF EVALUTION	YES or NO
Answer the following questions with YES or NO	
Were Inspection Made of Each Material Exposed to Storm Water?	Yes
Were Inspection Made of Each Activity / Unloading Area Exposed to Storm Water?	Yes
Were Inspection Made for Contaminants on the Ground?	Yes
Were Inspection Made for Leaks from Equipment or Containers?	Yes
Were Inspection Made for Vehicle Tracking Impacts?	Yes
Were Inspection Made for Materials Blowing from Areas?	Yes
Were Inspection Made of Pollutants in Drainage Ways?	Yes
Were Inspection Made of Monitoring and Inspection Records?	Yes
Were BMPs Identified in the SWPPP Were Checked to See if Used?	Yes
Were the Locations of Outfalls Inspected?	Yes
Were Site Map(s) Reviewed?	Yes

COMPLIANCE EVALUATION SUMMARY REPORT:

EVALUATION OF OUTFALLS:	TOTALS
Storm Water Outfalls:	15
Process/Allowable Non-Storm Water Outfalls:	6
Compliance Action Item Summary:	YES or NO
Any evidence of Leaks or Spills that may have reached offsite Surface Water?	No
Any evidence of exposure sources contacting Storm Water?	No
Is Written SWPPP Binder Updates Needed?	Yes
Does the Site Map(s) require revisions?	Yes
Are Additional BMPs needed or requiring maintenance?	No
Incidents of Non-Compliance of Permit Discharge Limits?	No
Were any issues of Non-compliance found?	No
Was any incidents noted that require Notification?	No

SWPPP TEXT OBSERVATIONS – Possum Point Power Station SWPPP

Corresponding SWPPP Section	REQUIRED SWPPP CONTENTS:	Revision Required (Yes or No)
Page xi	Management Approval Certification	Yes
Section 1.0	Description of Station & its activities	No
Section 2.1	Pollution Prevention Team	Yes
Section 2.2	Spill Response Procedures	No
Sections 3.1 & 3.2	Outfall Descriptions	Yes
Section 3.2	Non-Storm Water Evaluation Certification	No
Section 3.2	Allowable Discharge Descriptions	Yes
Sections 3.3, 3.4 & 3.5	Monitoring and/or Inspections descriptions	No
Sections 4.0	List of Exposed Materials and/or Activities	No
Sections 4.2 & 5.0	List of Structural BMPs	Yes
Section 4.5	Construction, Sediment, or Erosion Control discussion	No
Section 5.2.1	Storm Water Training and Schedules	Yes
Section 6.0	Non-Structural BMPs - Good Housekeeping:	
Section 6.1	Dust Control Equipment Areas	Yes
Section 6.2	Delivery Vehicle	No
Section 6.3	Fuel Oil Unloading Areas	No
Section 6.4	Chemical Unloading Areas	Yes
Section 6.5	Miscellaneous Loading / Unloading	No
Sections 6.6 & 6.7	Small and Large Storage Tank Areas	No
Section 6.8	Spill Reduction Measures	No
Section 6.9	Oil Filled Electrical Equipment Areas, e.g., Transformers	No
Section 6.10	Residue Hauling Vehicles	No
Section 6.11	Ash Handling Areas & Hauling Vehicles	No
Section 6.12	Areas Adjacent to Ponds/Basins/Impoundments	No
Section 6.13	Landfills, Scrap Yards, Surface Impoundments, Open Dumps, General Refuse	No
Section 6.14	Maintenance Activities	No
Section 6.15	Material Storage Areas	No
Section 7.0	SWPPP Documentation:	
Section 7.1	Reportable Spills	Yes
Section 7.2 & 7.3	Inspections and Monitoring Documentation Locations	No
Section 7.4	Annual Evaluation Documentation	Yes
	SWPPP Map Elements – Summary:	
	Updated Outfall Locations & Numbers	No
Appendices A, B & C	Topographical Location & Surface Water Body Names	No
Appendices A, B & C	Drainage Direction by Site Area	No
Appendices A, B & C	Activity Locations Exposed to Storm Water	Yes
Appendices A, B & C	Equipment Locations Exposed to Storm Water	Yes
Appendices A, B & C	Materials Potentially Exposed to Storm Water	Yes
Appendices A, B & C	Spill or Leak Areas - Past or Potential	Yes

**SITE OBSERVATIONS – Possum Point Power Station Site Visit
(Records, Site Conditions, Structural / Non-Structural BMPs)**

NOTE: List any test methods used in evaluating Nonstorm Water Discharges and the results.

A Dry weather evaluation was performed on August 7, 2014 by Jeff Marcell and Rick Woolard. The following summarizes the evaluation:

Outfall S5 – Dry, No Discharge
Outfall S31 – Dry, No Discharge
Outfall S36 – Dry, No Discharge
Outfall S37 – Underwater, but no flow in drainage area
Outfall S42 – Dry, No Discharge
Outfall S49 – Dry, No Discharge
Outfall S61 – Wet, Discharging
Outfall S77 – Dry, No Discharge
Outfall S78 – Dry, No Discharge
Outfall S79 – Dry, No Discharge
Outfall S80 – Dry, No Discharge
Outfall S86 – Dry, No Discharge
Outfall S94 – Dry, No Discharge
Outfall S95 – Dry, No Discharge
Outfall S107 – Wet and discharging, previous noted as groundwater as the source

SUMMARY DISCHARGE MONITORING DATA:

Visually Monitoring Reports: The past twelve month's visual monitoring reports were made available. The following summarizes the results:

Outfall S5 - The Color is consistently noted as either slight yellowish to medium yellowish, Clarity consistently slightly cloudy with most noted solids being Settled and Suspended.
Outfall S42 – The past three quarters (2013 4th, 2014 1st & 2nd) color was noted as “slight yellow tint”. The Settled Solids are consistently observed as few. Most the drainage area associated with this outfall is impervious and no specific contributors were identified during the site walkdown.
Outfall S61 – The Color for 2013's 3rd and 4th quarters are noted as yellowish to brownish but clear during 2014's 1st and 2nd quarters. The Clarity was noted as medium cloudy and slightly cloudy during the 2013 4th quarter and 2014 2nd quarter, respectively. A consistent notation of solids (mostly very fine) is noted all four the past twelve months' monitoring reports.
Outfall S95 – A slight yellow tint was noted for Color during the 2013 4th and 2014 1st quarters with a consistent notation of various solids, which range from very fine to few.

Note, the visual monitoring forms should be signed by only VPDES authorized individuals who have been identified in writing to DEQ.

Inspections Records: Station personnel verified the past twelve month's inspection reports were made available, no issues to note.

Training Records: Training records are maintained electronically in the Learning Management System (LMS) and/or station files.

Other Observations:

NA

SWPPP ACTION ITEMS – Possum Point Power Station

ACTION ITEM IMPLEMENTATION SCHEDULE			
Action Item	Responsible Person	Completion Deadline	Actual Date Completed
1. Revise Appendix C Map with Allowable Non Storm Water Discharges	Rick Woolard	Within 30 days of the signature date below	
2. The SWPPP text revisions were completed during the annual comprehensive SWPPP evaluation. The signature statement below requires the SWPPP revisions to be reviewed prior to signing the below certification statement	Jeff Marcell	Before Signing below signature	


CERTIFICATION OF ANNUAL SWPPP EVALUATION

☒ **Yes** Is this facility in compliance with the SWPPP and the VPDES permit VA0002071.

Plan Certification Requirement: I have reviewed and approve the revisions that resulted from this annual Comprehensive Site Compliance Evaluation.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signatory

Signature:		Date: 09/08/14
Printed Name:	JEFFREY R. MARCELL	
Title:	ENVIRONMENTAL SUPERVISOR	